

Message

From: Bahr, Ryan [bahr.ryan@epa.gov]
Sent: 5/2/2018 2:10:58 PM
To: Daisy Wang [daisy.wang@erg.com]
CC: Jessica Gray [Jessica.Gray@erg.com]; Burdett, Cheryl [burdett.cheryl@epa.gov]
Subject: RE: Final Sampling QAPP for the CSD Groundwater Investigation

FYI – we are working on this. We started an amended PR yesterday.

From: Daisy Wang [mailto:Daisy.Wang@erg.com]
Sent: Tuesday, May 01, 2018 9:04 AM
To: Bahr, Ryan <bahr.ryan@epa.gov>; Burdett, Cheryl <burdett.cheryl@epa.gov>
Cc: Jessica Gray <Jessica.Gray@erg.com>
Subject: RE: Final Sampling QAPP for the CSD Groundwater Investigation

Hi Ryan,

Cheryl just called me to talk through the costs: To send all of the samples to UNL (87) and Wisconsin State Lab of Hygiene (5), we would need approximately [Ex. 4 CBI] in additional funding. Please note that we've include a few hours for ERG to do QC of the results as they come in from the lab, but the N15 isotope analysis is expensive (~\$[Ex. 4 CBI] sample) and is the bulk of the cost.

We would need the funding by the time the labs complete their analyses and provide the results. We expect the Wisconsin State Lab of Hygiene to provide results in mid-May, and UNL to provide results in early June.

Please let me know if you need any other information.

Thanks,

Daisy Wang
703-829-0539

Eastern Research Group (ERG)
14555 Avion Parkway, Suite 200
Chantilly, VA 20151

From: Bahr, Ryan <bahr.ryan@epa.gov>
Sent: Tuesday, May 1, 2018 9:47 AM
To: Daisy Wang <Daisy.Wang@erg.com>; Burdett, Cheryl <burdett.cheryl@epa.gov>
Cc: Jessica Gray <Jessica.Gray@erg.com>
Subject: RE: Final Sampling QAPP for the CSD Groundwater Investigation

How much more would be needed? By when?

From: Daisy Wang [mailto:Daisy.Wang@erg.com]
Sent: Tuesday, May 01, 2018 8:24 AM

To: Burdett, Cheryl <burdett.cheryl@epa.gov>
Cc: Jessica Gray <Jessica.Gray@erg.com>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Final Sampling QAPP for the CSD Groundwater Investigation

Hi Cheryl,

Thank you for the update.

Yes, you would need additional money to do the complete set of samples. With the current amount of funding (~\$Ex. 4 CBI), if you wanted to send all 87 groundwater samples to UNL, then you could only send 1 set of drinking water samples (for the 5 analytes) to Wisconsin State Lab.

I sent you an email last week with the loaded unit cost for each analyses - I'll forward it to you again in case you missed it.

Thanks,
Daisy Wang
703-829-0539

Eastern Research Group (ERG)
14555 Avion Parkway, Suite 200
Chantilly, VA 20151

From: Burdett, Cheryl <burdett.cheryl@epa.gov>
Sent: Monday, April 30, 2018 10:35 PM
To: Daisy Wang <Daisy.Wang@erg.com>
Cc: Jessica Gray <Jessica.Gray@erg.com>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: Re: Final Sampling QAPP for the CSD Groundwater Investigation

Hi Daisy:

I shipped 22 samples on 4/30/2018 to arrive on May 1, 2018 at UNL. The attention was to Dr. Daniel Snow.

I planned to send total of 87 nitrate samples to UNL and 5 private wells with the list parameters in the QUAPP. Do I need to see if there is additional money to do the complete set of samples?

sincerely,

Cheryl Burdett

From: Daisy Wang <Daisy.Wang@erg.com>
Sent: Monday, April 30, 2018 3:02:56 PM
To: Burdett, Cheryl
Cc: Jessica Gray; Bahr, Ryan
Subject: RE: Final Sampling QAPP for the CSD Groundwater Investigation

Hi Cheryl,

We've issued the purchase order for UNL, so you're all set to send groundwater samples for the N15 isotope analyses. Can you please let us know at the end of each day (or just periodically through the week) the final sample count and requested analyses that were sent to UNL (and Wisconsin State Lab of Hygiene)? We'll use that information to QC the results from the labs.

One other note: the final QAPP you sent us says that you're planning to collect groundwater samples on Friday May 4th. You may have already planned for this, but **please note that for the samples being sent to UNL (i.e., for the N15 isotope analysis), you should freeze and hold over the weekend any groundwater samples collected on Friday May 4th, and then ship the samples so that they arrive during the lab's operating hours (M-F 8am-5:30pm). The lab may not be able to properly receive samples that arrive outside of their operating hours (e.g., on a Saturday).**

I hope everything went smoothly today and that you were able to pick up the necessary bottles from the Wisconsin State Lab of Hygiene this morning. Please let me know if you need anything.

Thanks,

Daisy Wang
703-829-0539



Eastern Research Group
14555 Avion Parkway, Suite 200
Chantilly, VA 20151

From: Burdett, Cheryl <burdett.cheryl@epa.gov>
Sent: Friday, April 27, 2018 12:10 PM
To: Daisy Wang <Daisy.Wang@erg.com>; Jessica Gray <Jessica.Gray@erg.com>
Subject: Final Sampling QAPP for the CSD Groundwater Investigation

Hi Daisy and Jessica:

I am attaching the Final QAPP attached. Attachment C contains Personal Information (PII) please do not release Attachment C to the public.

Sincerely,

Cheryl Burdett